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| Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary) | Atty Docket No. CISCP190 Applicant: Ian Wilson Filing Date December 26, 2000 | Application No. 09/748,828 Group 1182 |
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U.S. Patent Documents

| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub- class | Filing Date |
|---------------------|-----|------------|----------|--------------------|-------|---------------|----------------|
| <i>PJ</i> | A1 | 4,692,918 | 09/08/87 | Elliott, et al. | 370 | 85 | 12/17/84 |
| <i>PJ</i> | A2 | 5,016,244 | 05/14/91 | Massey, et al. | 370 | 16 | 09/08/89 |
| <i>PJ</i> | A3 | 5,018,133 | 05/21/91 | Tsukakoshi, et al. | 340 | 825.05 | 09/06/90 |
| <i>PJ</i> | A4 | 5,218,600 | 06/08/93 | Schenkyr, et al. | 370 | 16 | 12/26/90 |
| <i>PJ</i> | A5 | 5,371,852 | 12/06/94 | Attanasio, et al. | 395 | 200 | 10/14/92 |
| <i>PJ</i> | A6 | 5,473,599 | 12/05/95 | Li, et al. | 370 | 16 | 04/22/94 |
| <i>PJ</i> | A7 | 5,572,528 | 11/05/96 | Shuen | 370 | 85.13 | 03/20/95 |
| <i>PJ</i> | A8 | 5,619,552 | 04/08/97 | Karppanen, et al. | | | 04/19/95 |
| <i>PJ</i> | A9 | 5,729,537 | 03/17/98 | Billström | 370 | 329 | 06/14/96 |
| <i>PJ</i> | A10 | 5,825,759 | 10/20/98 | Liu | 370 | 331 | 07/24/95 |
| <i>PJ</i> | A11 | 5,826,345 | 01/19/99 | Okanoue, et al | 709 | 238 | 08/15/96 |
| <i>PJ</i> | A12 | 6,078,575 | 06/20/00 | Dommetry, et al | 370 | 338 | 06/26/97 |
| <i>PJ</i> | A13 | 6,195,705 | 02/27/01 | Lueng | | | 06/30/98 |
| | | | | | | | |

Foreign Patent or Published Foreign Patent Application

| Examiner Initial | No. | Document No. | Publication Date | Country or Patent Office | Class | Sub- class | Translation | |
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| Examiner <i>Arnell Jones</i> | Date Considered <i>3/10/04</i> | | | | | | | |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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| Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary) | Atty Docket No. CISCP190 | Application No.: 09/748,828 |
| | Applicant: Ian Wilson | Group 1182 |
| | Filing Date December 26, 2000 | |

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Other Documents

| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication |
|----------------------------------|-----------------------------------|---|
| <i>PG</i> | C1 | Release notes for 3Com Corporation, "Conducting a Redundant Route for Network Resiliency," March 1994, <u>NET Builder Family Bridge/Router</u> Pages 26-29. |
| <i>PG</i> | C2 | J. Moy, RFC 1247 "OSPF Version 2," July 19, 1991. |
| <i>PG</i> | C3 | D. Oran, RFC 1142 "OSI IS-IS Intra-domain Routing Protocol," February 1990. |
| <i>PG</i> | C4 | Uyless Black, "TCP/IP and Related Protocols," 1992, <u>McGraw-Hill, Inc.</u> , pages 226-249 |
| <i>PG</i> | C5 | T. Li, <i>et al.</i> , RFC 2281 "Cisco Hot Standby Router Protocol (HSRP)," March 1998, Network Working Group. |
| <i>PG</i> | C6 | Chambless, <i>et al.</i> , "Home Agent Redundancy Protocol (HARP)," October 27, 1997. |
| <i>PG</i> | C7 | Network Working Group, RFC 2002 "IP Mobility Support," October 1996. |
| | C8 | |
| Examiner <i>Pravell Jones</i> | Date Considered <i>3/12/04</i> | |

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Form 1449 (Modified)

**Information Disclosure
Statement By Applicant**

(Use Several Sheets if Necessary)

Atty Docket No.

CISCP190

Applicant:

Ian Wilson

Filing Date

December 26, 2000

Application No.:

09/748,828

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1182

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U.S. Patent Documents

| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-class | Filing Date |
|------------------|-----|------------|----------|--------------|-------|-----------|-------------|
| PJ | A1 | 5,943,604 | 08/24/99 | Chen et al. | | | |
| PJ | A2 | 5,862,451 | 02/19/99 | Grau et al. | | | |
| PJ | A3 | 5,793,763 | 08/11/98 | Mayes et al. | | | |
| PJ | A4 | 5,572,528 | 11/25/96 | Shuen | | | |
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Foreign Patent or Published Foreign Patent Application

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| | | | | | | | Yes | No |
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| | B2 | | | | | | | |

Other Documents

| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication |
|------------------|-----|---|
| PJ | C1 | K. Egevang et al., "The IP Network Address Translator (NAT)", Network Working Group, PP. 1-10, May 1994. |
| PJ | C2 | Y. Rekhter, et al, "Address Allocation for Private Internets," RFC: 1918, Network Working Group, February 1996, 9 Pages. |
| PJ | C3 | P. Srisuresh, et al, "Load Sharing Using IP Network Address Translation (LSNAT)," RFC: 2391, Network Working Group, August 1998, 18 Pages. |
| PJ | C4 | P. Srisuresh, et al, "IP Network Address Translator (NAT) Terminology and Considerations," RFC: 2663, Network Working Group, August 1999, 30 Pages. |
| PJ | C5 | E. Gerich, "Guidelines for Management of IP Address Space," RFC: 1466, Network Working Group, May 1993, 10 Pages. |
| PJ | C6 | C.E. Perkins and T. Jagannadh, "DHCP for Mobile Networking with TCP/IP," IBM, Watson Research Center IEEE, April 1995 |
| PJ | C7 | 3Com Corporation, "Configuring Boundary Routing System Architecture," NETBuilder Family Bridge/Router Release Notes, March 1994, pp.26-29 |
| PJ | C8 | Kanekar, et al., "Load Sharing and Redundancy Scheme," U.S. Patent Application No. 09/342,589, filed June 29, 1999, 75 Pages. |

| | | |
|---------------|-----|---|
| P2 | C9 | Woundy, et al. "Routing Protocol Based Redundancy Design for Shared-Access Networks," U.S. Patent Application No. 09/484,189, filed January 18, 2000, 53 Pages |
| P2 | C10 | Zang, et al. "Method for a Cable Modem to Rapidly Switch to a Backup CMTS," U.S. Patent Application No. 09/484,611, filed January 18, 2000, 53 Pages |
| P2 | C11 | Zang, et al. "Cable Network Redundancy Architecture," U.S. Patent Application No. 09/484,612, filed January 18, 2000, 60 Pages |
| P2 | C12 | Nosella, et al. "Gateway Load Balancing Protocol," U.S. Patent Application No. 09/883,674, filed June 18, 2001, 48 Pages |
| P2 | C13 | Denny, et al. "Stateful Network Address Translation Protocol Implementation Over a Data Network," U.S. Patent Application No. 09/735,199, filed December 11, 2000, 67 Pages |
| P2 | C14 | Leung, et al. "Robust HA Redundancy and Load Balancing," U.S. Patent Application No. 10/008,494, filed November 9, 2001, 53 Pages |
| P2 | C15 | Kent Leung, "Mobile IP Mobility Agent Standby Protocol," U.S. Patent Application No. 09/714,466, filed November 14, 2000, 51 Pages |
| Examiner | | Date Considered |
| Preneel Jones | | 3/31/04 |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449 (Modified)
 Atty Docket No. CISC190/3040
Application No.: 09/748,828

Information Disclosure Statement By Applicant

Applicant: **Ian Wilson**

Filing Date: **December 26, 2000**
Group: **1182**

(Use Several Sheets if Necessary)

U.S. Patent Documents

| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-class | Filing Date |
|------------------|-----|------------|----------|-----------------------|-------|-----------|-------------|
| DA | A | 5,835,696 | 11/10/98 | Hess | | | 11/22/95 |
| DA | B | 5,949,753 | 09/07/99 | Alexander, Jr. et al. | | | 04/11/97 |
| DA | C | 5,999,536 | 12/07/99 | Kawafuji et al. | | | 11/24/97 |
| DA | D | 5,982,745 | 11/09/99 | Wolff et al. | | | 03/20/96 |
| DA | E | 6,389,027 | 05/14/02 | Lee et al. | | | 08/25/98 |
| DA | F | 6,449,250 | 09/10/02 | Otani et al. | | | 10/13/98 |
| DA | G | 6,236,678 | 05/22/01 | Horton et al. | | | 01/14/00 |

Foreign Patent or Published Foreign Patent Application

| Examiner Initial | No. | Document No. | Publication Date | Country or Patent Office | Class | Sub-class | Translation | |
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Other Documents

| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication |
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| <i>Prenell Jones</i> | <i>3/28/04</i> | |

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| Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary) | Atty Docket No. CISCP190/3040 | Application No.: 09/748,828 |
| | Applicant: Ian Wilson Filing Date December 26, 2000 | Group 1182 |

U.S. Patent Documents

| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-class | Filing Date |
|------------------|-----|------------|----------|-----------------|-------|-----------|-------------|
| PD | A | 6,230,326 | 05/08/01 | Unger et al. | | | 07/30/98 |
| PD | B | 6,510,162 | 01/21/03 | Fijolck et al. | | | 05/27/98 |
| PD | C | 6,611,868 | 08/26/03 | Arutyunov | | | 05/21/99 |
| PD | D | 6,556,591 | 04/29/03 | Bernnath et al. | | | 07/19/01 |
| PD | E | 6,650,624 | 11/18/03 | Quigley et al. | | | 05/19/00 |
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Foreign Patent or Published Foreign Patent Application

| Examiner Initial | No. | Document No. | Publication Date | Country or Patent Office | Class | Sub-class | Translation | |
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| Examiner <i>Pravell Jones</i> | Date Considered <i>4/9/04</i> | | |

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